



Sheet 1 of 1

| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | | | | | | | ATTY. DOCKET NO. 2146/41506/1 | | SERIAL NO. 10/718,435 | | |
|---|---|---|---|---|---|---|---|---|------------|---|-------------------|------------------------|----------------------------|---|
| (Use several sheets if necessary) | | | | | | | | | | APPLICANT: Arutiun Papken Eliasarian et al. | | | | |
| | | | | | | | | | | FILING DATE: November 20, 2003 | | GROUP Not yet assigned | | |
| U.S. PATENT DOCUMENTS | | | | | | | | | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | | | | | | | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE | |
| | | 6 | 2 | 9 | 6 | 7 | 4 | 2 | | | | | | |
| <i>Yan</i> | | 6 | 2 | 9 | 6 | 7 | 4 | 2 | 10/2/2001 | Kouznetsov | <i>204 192.12</i> | | | |
| <i>T</i> | | 6 | 0 | 3 | 3 | 7 | 3 | 4 | 3/7/2000 | Muenz et al. | <i>471 309</i> | | | |
| <i>mr</i> | | 5 | 3 | 0 | 6 | 4 | 0 | 7 | 4/26/1994 | Hauzer et al. | <i>204 192.38</i> | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | | | | | | | |
| | | DOCUMENT NUMBER | | | | | | | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION | |
| | | DE | 1 | 0 | 1 | 2 | 4 | 7 | | | | | 4 | 9 |
| <i>DE</i> | 1 | 0 | 1 | 2 | 4 | 7 | 4 | 9 | 11/28/2002 | Germany | | | | X |
| <i>EP</i> | 1 | 2 | 6 | 0 | 6 | 0 | 3 | | 11/27/2002 | Europe | | | | |
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| | | | | | | | | | | | | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | | | | | | | | |
| <i>Yan</i> | | Munz, W.-D., "Nouvelles tendances en procedes magnetron et arc", Le Vide, No. 297, Vol. 3/4, 2000, p. 205-223. | | | | | | | | | | | | |
| | | Munz, W.-D., "Wear Resistant PVD Coatings for High Temperature (950°C) Applications", SVC 42 nd Annual Conference, Chicago, April 17-22, 1999, p. 350-356. | | | | | | | | | | | | |
| <i>Yan</i> | | Schonjahn, C., Donohue, L.A., Lewis, D.B., and Munz, W.-D., "Enhanced adhesion through local epitaxy of transition-metal nitride coatings on ferritic steel promoted by metal ion etching in a combined cathodic arc/unbalanced magnetron deposition system", Journal of Vacuum Science and Technology, Vol. 18, Issue 4, 2000, p. 1718-1723. | | | | | | | | | | | | |
| | | Munz, W.-D., Smith, I.J., Lewis, D.B., and Creasey, S., "Droplet formation on steel substrates during cathodic steered arc metal ion etching", Vacuum, Vol. 48, Issue 5, 1997, p. 473-481. | | | | | | | | | | | | |
| <i>Zm</i> | | Wang, H.W., Stack, M.M., Lyon, S.B., Hovseplan, P., and Munz, W.-D., "The corrosion behaviour of macroparticle defects in arc bond-sputtered CrN/NbN superalloy coatings", Surface and Coatings Technology, Vol. 126, 2000, p. 279-287. | | | | | | | | | | | | |
| | | Eliasarian, A.P., New, R., Munz, W.-D., Hultman, L., Helmersson, U., and Kouznetsov, V., "Influence of high power densities on the composition of pulsed magnetron plasmas", Vacuum, Vol. 65, 2002, p. 147-154. | | | | | | | | | | | | |
| EXAMINER | | DATE CONSIDERED | | | | | | | | | | | | |
| <i>Rodney McDonald</i> | | <i>8/15/05</i> | | | | | | | | | | | | |

***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.